Value Management
Update

- Latest text in database doc #3578.

- Document almost in final form.

- Sent VM document to Bob Grant for comment.

- Need proposals

Tech. Board Meeting – Nov. 10, 2004
WBS 3.0 C-0 Outfitting

2

VALUE MANAGEMENT

TABLE OF CONTENTS

        1.2 Pixel Detector
            Pixel vs. strip as basic vertex detector concept
            Deep submicron vs. military process for readout chips
            P-spray vs. p-stop isolation on the sensors
            Fuzzy carbon vs. Thermal Pyrolytic Graphite substrate support
            LN2 cooling vs. water/glycol or any active coolant
            Piezo electric actuators vs. pneumatic or hydraulic driven ones
            Titanium sublimation pumps vs. liquid helium cryo pumps in vacuum system

        1.3 RICH
            Change in baseline photon detector for gas rich

        1.4 EMCAL
            Light pulser for calibration

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WBS 3.0 C-0 Outfitting

3

1.8 Trigger 1.9 Data Acquisition
- Pixel and non-Pixel Data Combiner designs were merged.
- Use of commodity computers and networking equipment
- Implemented a disk-based data staging system data storage4
- Rely on open source software
- Moved to a staged schedule with potential to reduce the size of the second stage equipment order based on adjustments to the bandwidth requirements.

- C0 IR Lattice
- Use existing HTS leads in the C0 IR

- Use of Pond for rejecting heat vs. Air Chiller
- Eliminate the Electronics Bridge and Replace with Bay at Stair #3

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4